## What is claimed is:

- [c1] A method for fabricating an integrated optical isolator, comprising:
  - depositing a wire grid material on a magneto-optical substrate;
  - depositing a resist film on the wire grid material;
  - bringing a mold with a wire grid pattern in contact with the resist film and compressing the mold and resist film together so as to emboss the wire grid pattern in the resist film; and
  - transferring the wire grid pattern in the resist film to the wire grid material on the magneto-optical substrate by etching.
- [c2] The method of claim 1, wherein the wire grid material comprises a metallic material.
- [c3] The method of claim 1, wherein the wire grid material comprises a dielectric material sandwiched between two metallic materials.
- [c4] The method of claim 3, wherein the metallic materials are selected from the group consisting of Al, Au, Cu, Ir, Mo, Ni, Os, Pt, Rh, and W.
- [c5] The method of claim 3, wherein the dielectric material is selected from the group consisting of Si, SiO<sub>2</sub>, and GaAs.
- [c6] The method of claim 1, wherein the resist film comprises a thermoplastic polymer.
- [c7] The method of claim 6, further comprising heating the mold and the resist film to a temperature above the glass transition temperature of the thermoplastic polymer prior to bringing the mold in contact with the resist film.
- [c8] The method of claim 1, further comprising coating the magneto-optical substrate with an anti-reflective material prior to depositing the wire grid material on the substrate.
- [c9] A method for fabricating a wire grid polarizer, comprising:

  depositing a wire grid material on a substrate, wherein the wire grid material

  comprises a dielectric material sandwiched between two metallic materials;

  depositing a resist film on the wire grid material;

- bringing a mold with a wire grid pattern in contact with the resist film and compressing the mold and resist film together so as to emboss the wire grid pattern in the resist film; and
- transferring the wire grid pattern in the resist film to the wire grid material on the substrate by etching.
- [c10] The method of claim 9, wherein the metallic materials are selected from the group consisting of Al, Au, Cu, Ir, Mo, Ni, Os, Pt, Rh, and W.
- [c11] The method of claim 9, wherein the dielectric material is selected from the group of Si, SiO<sub>2</sub>, and GaAs.
- [c12] The method of claim 9, wherein the resist film comprises a thermoplastic polymer.
- [c13] The method of claim 12, further comprising heating the mold, the resist film and the substrate to a temperature above the glass transition temperature of the thermoplastic polymer prior to contacting the mold with the resist film.
- [c14] The method of claim 9, further comprising applying an anti-reflective coating on the substrate prior to depositing the wire grid material on the substrate.
- [c15] The method of claim 9, wherein the substrate is made of a magneto-optical material
- [c16] An integrated optical isolator, comprising:
  - a magneto-optical substrate having a first surface and a second surface, the first and second surfaces being coated with an anti-reflection material;
  - a first wire grid structure formed on the first surface, the first wire grid structure being adapted to suppress reflection of rejected polarization; and
  - a second wire grid structure formed on the second surface and rotated an angle with respect to the first wire grid structure.
- [c17] The integrated optical isolator of claim 16, wherein the first wire grid structure comprises a plurality of substantially parallel grid elements, each grid element comprising a dielectric material sandwiched between two metallic materials.
- [c18] The integrated optical isolator of claim 17, wherein the metallic materials are selected from the group consisting of Al, Au, Cu, Ir, Mo, Ni, Os, Pt, Rh, and W.

- [c19] The integrated optical isolator of claim 17, wherein the dielectric material is selected from the group of Si, SiO<sub>2</sub>, and GaAs.
- [c20] A wire grid polarizer, comprising:a substrate which is transparent at a selected wavelength; andan anti-reflective wire grid structure formed on a surface of the substrate.
- [c21] The wire grid polarizer of claim 20, wherein the surface of the substrate on which the anti-reflective wire grid structure is formed is coated with an anti-reflective material.
- [c22] The wire grid polarizer of claim 20, wherein the anti-reflective wire grid structure comprises a plurality of substantially parallel grid elements, each grid element comprising a dielectric material sandwiched between two metallic materials.
- [c23] The wire grid polarizer of claim 22, wherein the metallic materials are selected from the group consisting of Al, Au, Cu, Ir, Mo, Ni, Os, Pt, Rh, and W.
- [c24] The wire grid polarizer of claim 22, wherein the dielectric material is selected from the group of Si, SiO<sub>2</sub>, and GaAs.